

Global Academy Excursion – Math Review Academic Track

**SALT LAKE DAY TRIP ITINERARY**

- 8:28! Meet at Lundstrom Student Center turnaround, split into 3 van groups of 4-5 students each  
Leave for Salt Lake no later than 8:45 (2-hour drive – scenery, stories, speak English, sleep)
- 10:25 Arrive at LDS Humanitarian Center for 30-min service and 45-min tour of facilities (drive to mall)
- 12:15 1+ hour lunch/shopping at Gateway Mall
- 1:30! Meet inside entrance of Clark Planetarium – browse all exhibits  
View the movie *Black Holes* at 2:30 (if you are interested, *Mayan Prophecies* is at 1:30, cost \$6)
- 3:10 Walk together to vans (drive to copper mine)
- 4:15 Tour Bingham Canyon Copper Mine – view pit, interactive exhibits, and video (starts at 5:00)
- 5:30 Assemble at vans to travel back to Logan (2-hour drive – scenery, stories, speak English, sleep)
- 7:30 Arrive in Logan

**What to bring:**

*Required*

Small purse, bag, or backpack to carry personal items

Money/Food for lunch

Notebook with pens and/or pencils for taking notes and journal writing

Water bottle + any medications, lotions, etc.

*Recommended*

Money for: purchases at the mall, planetarium (extra movie), or visitor's center souvenirs

Book/Game/Electronic device/Homework/Pillow to occupy yourself while traveling (5-6 hours total)

Snacks for the ride home (as we won't be back until 7:30pm)

Camera to capture memories

**What to wear:**

The weather forecast for Friday predicts a hot, cloudy day *with possible rain* (high temp. of 91°F / 33°C).

Most of our day we will be driving in a minivan or walking inside air-conditioned buildings.

We will break for lunch at the Gateway Mall, which has outdoor walkways.

**How to behave:**

Classroom rules are still enforced – even more strictly during the excursion!

To keep myself and my classmates safe and positive, I promise to:

- #1 Follow all directions of the teacher promptly (including all Global Academy policies)
- #2 Respect others' personal space, belongings, ideas, values, emotions, and math/Engl. proficiency
- #4 Be early – Be prepared – Be focused – Be positive

**Cell phone numbers:**

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## Destination Purpose and Information:

### HUMANITARIAN CENTER

With higher education comes greater responsibility. A visit to this worldwide humanitarian center is intended to open your eyes to what you could do to reach out to those less fortunate in your own country. Statistics on world wealth and poverty are impactful.

“The Latter-day Saint Humanitarian Center was established in 1991 in Salt Lake City, Utah to prepare emergency relief supplies for shipment worldwide, train those desiring to develop employable skills and become self-reliant, and offer service opportunities.

“The emergency relief supplies required by the Church include clothing, personal care kits, and medical supplies. Once donated, these items are processed and prepared for shipment to where they are needed most. In a typical year, the Latter-day Saint Humanitarian Center will ship about 12 million pounds of shoes and clothing, 1 million hygiene kits, and 1 million pounds of medical supplies to relieve suffering in more than 100 countries.

“At any given time, more than 100 individuals—mostly refugees and immigrants—are being trained at the center to join the workforce and become self-reliant. These trainees, representing as many as 30 countries and 20 different languages, attend classes in English, computer skills, and customer service.”

### CLARK PLANETARIUM

Mathematics has contributed so much to space exploration. The fascination with space has inspired many to pursue careers in science. This Planetarium is a Salt Lake community favorite for adults and kids alike that shouldn't be missed.

“Clark Planetarium's mission is to create and present enlightening experiences that inspire wonder in learning about space and science, and to promote greater public awareness of the science in our daily lives. See exhibits of a Foucault Pendulum, the Hubble Telescope, and the International Space Station. Learn about the seasons, gravity, the Moon, Mars, meteorites, and other planets!”

Movie options:

*Mayan Prophecies* (personal cost \$6, start time 1:30, duration 35 minutes)

“Visit the Classic Mayan cities of Uxmal, Chichen Itza, Tikal, and Palenque to discover how the Mayans aligned their temples to watch their sky gods and used interlocking calendars to record the past and predict the future. Explore pyramids towering above the rainforest, designed as observatories to follow the sun. Experience the apocalypse of the Maya and discover how our fate in 2012 may be foretold in Mayan Prophecies.”

*Black Holes* (paid for by the program, start time 2:30, duration 37 minutes)

“Few mysteries in the universe have the power and awe of the black hole. Only now are we on the verge of understanding their true nature. This new immersive digital theater program incorporates some of the most intense three-dimensional visual effects ever created on the subject.”

### BINGHAM CANYON COPPER MINE

This is a unique site in Utah that is a spectacular engineering feat – a giant open-pit mine that is visible from space! This site provides an opportunity to discuss economic benefits vs. environmental concerns, plus a view of the *giant* trucks.

“Standing at the overlook within the Bingham Canyon Mine, you can see, hear, and feel the breathtaking and awesome magnitude of more than 100 years of work. From the overlook, you can watch 240 and 320 ton capacity haulage trucks deliver copper ore to the in-pit crusher, where the material is reduced to the size of soccer balls before being loaded onto a five-mile conveyor that carries the ore to the Copperton Concentrator.

“Inside the Visitors Center, you and your family will take part in interactive displays and exhibits – including 3-D microscopes to examine rock and mineral samples, and displays showing how copper is used in your everyday life. You will also see exhibits ranging from old mining artifacts and model trucks to modern-day operations and environmental engineering as well as three-dimensional models that provide an educational and entertaining experience for people of all ages. Finish your tour with a dramatic 16-minute video tour — in our 90-seat theater — of our history, present day operations, and future.”

## EXCURSION REFLECTION

Name: \_\_\_\_\_

A good way to be a life-long learner is to think about these questions:

- 1) What do I already know about this? What personal background do I have that relates to this?
- 2) What new information am I receiving? Who is presenting it and for what purpose?
- 3) What further questions do I have? How will this change my perspective and/or actions, if at all?

Please reflect on each of the sites we visit by answering these questions below.

(This page will be turned in to Teacher Kenneth at the beginning of class on Monday.)

### HUMANITARIAN CENTER

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

### CLARK PLANETARIUM

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

### BINGHAM CANYON COPPER MINE

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_